

## CLASS D AUDIO AMPLIFIER - STEREO 2.8 W

Order code: MM210

Small but powerful amplifier for a wide range of applications, for example MP3 player, melody generator, intercom, sound effects, headphones, radio receiver, PC sound card, music instrument, ...

### Features:

- small size
- very efficient so ideal for battery powered applications
- comes complete with board-to-wire connectors
- connector pitch matches standard breadboard pitch
- presettable gain
- overload and short-circuit protected
- single supply

### Specifications:

- max. output power: 2.8 W (4  $\Omega$ ) or 1.6 W (8  $\Omega$ )
- power supply: 2.5 V - 5 V DC
- max. current consumption: 3.2 A (4  $\Omega$ ) - 0.8 A (8  $\Omega$ )
- default gain: 18 dB (adjustable)
- THD: 0.02 % (1 W / 8  $\Omega$  / 1 kHz)
- S/N ratio: 98 dB (1.4 W / 8  $\Omega$ )
- shutdown current: 40 nA
- dimensions: 40 x 35 mm / 1.6 x 1.4"

